CROWDER COLLEGE

Courses are sequenced to provide guidance and to help ensure that prerequisite requirements are met.

Catalog Year: 2022-2023

Crowder Associate of Arts in Information Technology to
MSU Bachelor of Science in Information Technology
(Cybersecurity Track)

The following is a guide to graduation with completion of Crowder's Associate of Arts in Information Technology
and MSU's Bachelor of Science in Information Technology (Cybersecurity Track)
The degree may be completed on campus or online.
This is a comprehensive major meaning it does not require completion of a minor.

FINISH IN 4 — GO BEARS!

Crowder Year 1 Semester 1

REQUIREMENT DESCRIPTION	CROWDER COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
Institutional Requirement	COLL 101	College Orientation	1	GEN 000		
Major Course	BSAD 125 ○	Computer Applications	3	ITC 200		✔
Mathematical Sciences *3 credit hours*	MATH 135 ○	Algebra for Calculus	3	MTH 136	✔	✔
Written Communications *6 credit hours*	ENGL 101 ○	English Composition	3	ENG 110	✔	✔
Oral Communications *3 credit hours*	COMM 104 ○	Fundamentals of Speech	3	COM 115	✔	✔
Humanities and Fine Arts *9 credit hours* (Must fulfill 2 disciplines)	Choose one: ⋏ *Foreign Language Option:* FREN 101 SPAN 101 ASL 101 SPAN 102 ASL 102 -OR- *Foreign Culture Option:* PHIL 121 ENGL 245		3	Varies	✔	✔
		Semester 1 Total	**16**			

Crowder Year 1 Semester 2

REQUIREMENT DESCRIPTION	CROWDER COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
Business Elective *6 credit hours*	ACCT 201 ○	Principles of Accounting I	3	ACC 201		✔
Written Communications *6 credit hours*	ENGL 102	Advanced English Composition	3	ENG 210	✔	
Social/Behavioral Sciences *9 credit hours* *Civics Requirement*	Choose one: HIST 106 HIST 107 PLSC 103		3	Varies	✔	
Major Course	ITC 235	Computer Hardware and Operating Systems	3	ITC 235		✔
Natural Sciences *7 credit hours* (Must fulfill 2 disciplines including one course with a lab component)	Choose one: BIOL 101 BIOL 152 CHEM 104 GEOL 210 PHYS 190 BIOL 110 BIOL 252 CHEM 111 PHYS 101 BIOL 120 CHEM 101 GEOL 115 PHYS 105		3	Varies	✔	
		Semester 2 Total	**15**			

Crowder Year 2 Semester 3

REQUIREMENT DESCRIPTION	CROWDER COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
Major Course	ITC 260	Introduction to Java Programming	3	ITC 260		✔
Core Elective *5 hours required for Core 42*	Choose one: GEOG 111 PSYC 211 SOC 101		3	Varies	✔	
Social/Behavioral Sciences *9 credit hours* (Must fulfill 2 disciplines)	ECON 201 ○	Principles of Macroeconomics	3	ECO 155	✔	✔
Business Elective *6 credit hours*	ACCT 202 ○	Principles of Accounting II	3	ACC 211		✔
Humanities and Fine Arts *9 credit hours* (Must fulfill 2 disciplines)	Choose one: ART 101 FREN 101 ENGL 240 MUSC 101 MUSC 196∗▲ MUSC 296∗▲ PHIL 121 HIST 101 ART 106▲ ENGL 109 ENGL 245 MUSC 106∗▲ MUSC 206∗▲ PHIL 101 SPAN 101 HIST 102 ASL 101 ENGL 225 ENGL 222 MUSC 107∗▲ MUSC 207∗▲ PHIL 201 SPAN 102 ASL 102 ENGL 235 ENGL 230 MUSC 195∗▲ MUSC 295∗▲ PHIL 202 TA 205		3	Varies	✔	
Social/Behavioral Sciences *9 credit hours* (Must fulfill 2 disciplines)	PSYC 101 ○	General Psychology	3	PSY 121	✔	✔
		Semester 3 Total	**18**			

Crowder Year 2 Semester 4

REQUIREMENT DESCRIPTION	CROWDER COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
Major Course	ITC 295	Database Management Systems	3	ITC 295		✔
Major Course	ITC 299	System Analysis and Design	3	ITC 388		✔
Core Elective *5 hours required for Core 42*	ECON 202 ○	Principles of Microeconomics	3	ECO 165	✔	✔
Humanities and Fine Arts *9 credit hours* (Must fulfill 2 disciplines)	Choose one: ART 101 FREN 101 ENGL 240 MUSC 101 MUSC 196∗▲ MUSC 296∗▲ PHIL 121 HIST 101 ART 106▲ ENGL 109 ENGL 245 MUSC 106∗▲ MUSC 206∗▲ PHIL 101 SPAN 101 HIST 102 ASL 101 ENGL 225 ENGL 222 MUSC 107∗▲ MUSC 207∗▲ PHIL 201 SPAN 102 ASL 102 ENGL 235 ENGL 230 MUSC 195∗▲ MUSC 295∗▲ PHIL 202 TA 205		3	Varies	✔	
Natural Sciences - Lab Requirement *7 credit hours* (Must fulfill 2 disciplines)	Choose one: BIOL 101 BIOL 152 GEOL 210 BIOL 120 BIOL 252		4	Varies	✔	
		Semester 4 Total	**16**			
		Total Hours at Crowder	**65**	*Total Hours Applied Toward MSU Major/Business Admission Requirements:*		42

⋏ Options listed fulfill the MSU Globalization requirement   ∗ One credit hour course   ▲ May choose only one, falls under MOTR code 'PERF'

Missouri State
U N I V E R S I T Y

Courses are sequenced to provide guidance and to help ensure that prerequisite requirements are met.

Catalog Year: 2022-2023

MSU Bachelor of Science in Information Technology
(Cybersecurity Track)
after Crowder Associate of Arts in Information Technology

MSU Year 3 Semester 1

REQUIREMENT DESCRIPTION	MSU COURSE ID	TITLE	CREDIT HOURS
COB Core Requirement	ITC 201	Computer Applications for Business	3
COB Admission Requirement	MGT 286	Business Communications	3
COB Admission Requirement	LAW 231	Legal Environment of Business	3
COB Admission Requirement	QBA 237	Basic Business Statistics	3
General Elective **		Work with your MSU advisor to identify courses that will complement your specific career goals.	3
		Semester 1 Total	**15**

MSU Year 3 Semester 2

REQUIREMENT DESCRIPTION	MSU COURSE ID	TITLE	CREDIT HOURS
Major Requirement #1	ITC 330	Introduction to Networking	3
COB Core Requirement	MGT 340	Principles of Management	3
COB Core Requirement	MKT 350	Principles of Marketing	3
COB Core Requirement	FIN 380	Financial Management	3
COB Core Requirement	LAW 332	Debtor and Creditor Rights and Remedies	1
		Semester 2 Total	**13**

MSU Year 4 Semester 3

REQUIREMENT DESCRIPTION	MSU COURSE ID	TITLE	CREDIT HOURS
COB Core Requirement	MKT 364	Operations Management	3
COB Core Requirement	ITC 429	Information Systems with Business Intelligence	3
Major Requirement #1	ITC 430	Advanced Networking	3
Major Requirement #2	Choose one: ITC 560 ITC 564 ITC 566 ITC 563 ITC 565 ITC 494		3
General Elective **		Work with your MSU advisor to identify courses that will complement your specific career goals.	1
		Semester 3 Total	**13**

MSU Year 4 Semester 4

REQUIREMENT DESCRIPTION	MSU COURSE ID	TITLE	CREDIT HOURS
COB Core Requirement	MGT 487	Strategic Management and Policy	3
Major Requirement #2	Choose one: ITC 560 ITC 564 ITC 566 ITC 563 ITC 565 ITC 494		3
Major Requirement #2	Choose one: ITC 560 ITC 564 ITC 566 ITC 563 ITC 565 ITC 494		3
Major Requirement #2	Choose one: ITC 560 ITC 564 ITC 566 ITC 563 ITC 565 ITC 494		3
General Elective **		Work with your MSU advisor to identify courses that will complement your specific career goals.	2
		Semester 4 Total	**14**
		Total Hours at MSU	**55**
		Total Hours Overall	**120**

** Electives provide the opportunity to customize your degree program. Some elective credits may or may not be needed to bring total credit hours to a minimum of 120 credit hours and upper division hours (300+) to 40.

This information is provided as a guide only.
• Crowder students are strongly encouraged to meet with their major specific MSU transfer advisor early in their Crowder education to discuss the most appropriate Crowder coursework for their intended MSU major, MSU degree requirements, etc.
• Students are required to fulfill MSU graduation and GPA requirements to receive a degree and should consult with their MSU advisor and the MSU undergraduate catalog for details, as there may exist pre-requisite requirements as well as periodicity limitations that could affect scheduling sequences.
• Please note that transfer students from Missouri public colleges and universities may follow the general education and general baccalaureate degree requirements in effect at Missouri State when they first enrolled (or re-enrolled after an absence of one calendar year or more) as degree-seeking students at the institutions from which they transferred (e.g., Crowder).